

NEO132NT-M-530

Framed mono-facial N-type

ELECTRICAL CHARACTERISTICS

Model Name	M-515	M-520	M-525	M-530
Maximum Power (+3%)	515	520	525	530
Voc (V)	46.7	46.89	47.03	47.16
Isc (A)	13.7	13.72	13.73	13.75
Vmp (V)	39.95	40.19	40.46	40.73
Imp (A)	12.9	12.94	12.98	13.01
Module Efficiency (%)	21.50%	21.70%	21.90%	22.10%

1.STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM 1.5

FUNCTIONAL CHARACTERISTICS

Series Fuse Rating	30A
Junction Box Protection	IP68
Maximum System Voltage	VDC 1500
Operating Temperature	-40 °C to 85 °C
Module type	Framed Mono-Facial Single Glass
Connector type	Stäubli EVO-2A ¹
Cable length	12AWG 1200mm ²
Maximum snow/wind load	5400Pa (snow)/2400Pa (wind)
Certification/Fire Type	UL61730 ³ ; UL1703 Fire Type 1

1.Additional connectors are available upon request

2.Cable length may be customized

MECHANICAL CHARACTERISTICS

Frame	Anodized Aluminum (Silver and Black)
Dimension (L × W × D)	2116mm × 1134mm × 35mm (83.31" × 44.65" × 1.38")
Weight	26.46 kg (58.33 lbs)

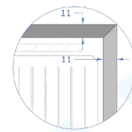
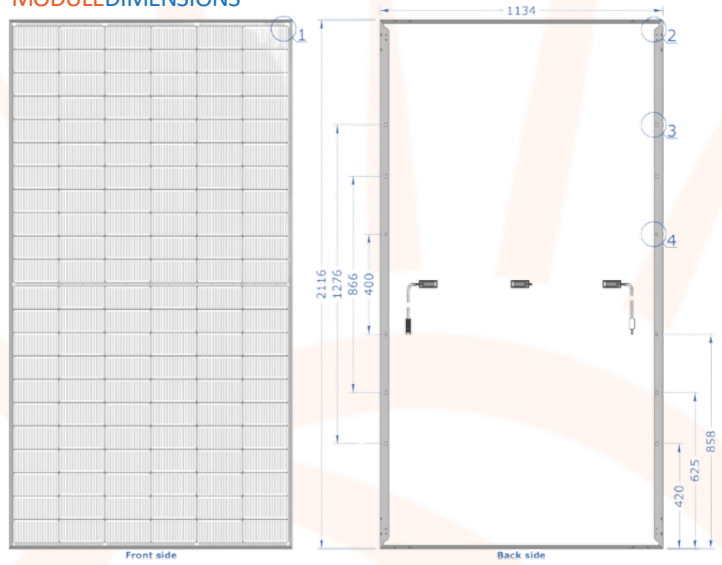
TEMPERATURE COEFFICIENTS

NOCT	45 °C
Short circuit current	+0.05%/°C
Open circuit voltage	-0.25%/°C
Max power output	-0.29%/°C

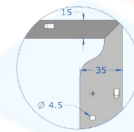
PACKING CONFIGURATION

Pallet	31 pcs
Pallet Weight	859 kgs (1893 lbs)
Pallet Dimensions	2218mm x 1336mm x 1212mm (87.32" x 48.66" x 47.72")
Container	24 pallets - 768pcs/53'

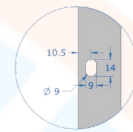
MODULE DIMENSIONS



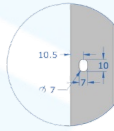
1: Front Corner



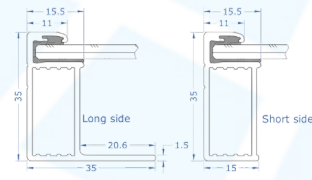
2: Drain (x16) & GND (x4)



3: Mounting (x8)



4: Tracker (x4)



5: Frame profile (Units in mm)

I-V CURVES

PRODUCT WARRANTY

Degradation	0.45% after year 1
Power Output	30 years
Product Guarantee	25 years



Contact:
info@neosolarusa.com
(234) 255-0632



Made in the USA
With Domestic and
Global Components

CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT
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